

## FACT SHEET

# Compliance Information for Large Fleets of 53-Foot Trailers

## Heavy-Duty Vehicle Greenhouse Gas Emission Reduction Regulation

The California Air Resources Board (ARB) has approved a new regulation to significantly reduce greenhouse gas emissions produced by certain heavy-duty tractors and trailers. The regulation requires the use of US EPA SmartWay verified aerodynamic equipment and low rolling resistance (LRR) tires. The regulation also provides exemptions and delayed compliance deadlines for certain refrigerated trailers, along with phase-in options and credit for early compliance.

### Who is subject to the regulation?

This regulation applies to all 53-foot or longer box-type trailers, including both dry-van and refrigerated-van trailers operating in California, and the heavy-duty tractors that pull them.

### How does the regulation define a large fleet?

A large fleet is any fleet operating 21 or more trailers in California. Fleets with 20 or fewer trailers are small fleets.

### What does the regulation require of fleets, and when will the requirements take effect?

This regulation applies to 53-foot or longer box-type trailers, including both dry-van and refrigerated-van trailers, and the heavy-duty tractors that pull them on California highways. All vehicles, regardless of where they are registered, must comply with the regulation when operating on California highways. Owners of affected tractors must either purchase a new SmartWay certified vehicle or retrofit existing tractors with LRR tires. Owners of affected trailers must either purchase a new SmartWay certified trailer or retrofit existing trailers with SmartWay verified aerodynamic equipment and LRR tires. Below are the required equipment and compliance deadlines for affected tractors and trailers.

### Tractor Requirements

Affected Tractors*	Requirements	Compliance Date
2011 MY and newer HD sleeper cab tractors	SmartWay Certified	January 1, 2010
2011 MY and newer HD day cab tractors	LRR tires only	January 1, 2010
All 2010 or older MY HD tractors (including sleeper and day cabs)	LRR tires only	January 1, 2012

\*That pull 53-foot or longer box-type trailers in California      MY - model year      HD - heavy duty      LRR - low rolling resistance

### Trailer Requirements

Affected Trailers*	Requirements	Compliance Date
2011 MY and newer dry vans	SmartWay Certified or retrofitted with LRR tires + 5% fuel saving aerodynamic technologies	January 1, 2010
2011 MY and newer refrigerated vans	SmartWay Certified or retrofitted with LRR tires + 4% fuel saving aerodynamic technologies	January 1, 2010
2010 or older MY box-type trailers	Same requirements as dry vans or refrigerated vans, as applicable	January 1, 2013
2003-2004 MY refrigerated van trailers	SmartWay Certified or retrofitted with LRR tires + 4% fuel saving aerodynamic technologies	January 1, 2018
2005-2006 MY refrigerated van trailers	SmartWay Certified or retrofitted with LRR tires + 4% fuel saving aerodynamic technologies	January 1, 2019
2007-2008 MY refrigerated van trailers	SmartWay Certified or retrofitted with LRR tires + 4% fuel saving aerodynamic technologies	January 1, 2020

\*Applies to 53-foot or longer box-type trailers in California      MY - model year      LRR - low rolling resistance      TRU - transport refrigeration units

Information about specific SmartWay verified technologies is available from the U.S. EPA website at:  
[www.epa.gov/smartway/transport/what-smartway/verified-technologies.htm](http://www.epa.gov/smartway/transport/what-smartway/verified-technologies.htm).

## Are there special compliance opportunities for large fleets?

Large fleets may take advantage of special compliance opportunities for their pre-2011 model year trailers. While all 2011 and newer model year trailers must comply as of January 1, 2010, large fleets can choose to phase-in compliance of their 2010 and older model year trailers by the dates shown in the table below, including an additional year extension for early compliance. Otherwise, they can choose to meet the compliance deadlines described above. The large fleet compliance schedule below identifies the total percentage of trailers in a large fleet that must meet the requirements by each of the compliance deadlines. In order to take advantage of this compliance option, large fleets must submit a Large Fleet Compliance Plan by July 1, 2010.

### Large Fleet Compliance Schedule\*

Must Comply Before January 1 of:	2011	2012	2013	2014	2015	2016
% of Fleet That Must Comply	5%	15%	30%	50%	75%	100%

\*Applies to 2010 and older model year box-type trailers that travel in California

## How do I take advantage of the early compliance option?

For every trailer in compliance before 2010, qualified fleets can delay the retrofit or retirement of 1.5 trailers until January 1, 2017, up to a maximum of 30% of their trailer fleet. To take advantage of this option, large fleets must submit an early compliance option report as part of the Large Fleet Compliance Plan by July 1, 2010.

## What must be included in the Large Fleet Compliance Plan?

The plan for large fleets must include the following: statement of intent, trailer fleet list, large fleet base number and base list, annual conformance list for all affected trailers that will operate in California for years 2010 through 2016, and the early compliance option report, if applicable. The trailer fleet list identifies all trailers that are part of the fleet. The fleet base list identifies all affected trailers that will operate in California. The annual conformance number and commitment list must identify which trailers will be brought into compliance for each of the phase-in years, according to the percentage requirements identified in the previous table. The early compliance option report identifies which trailers were in compliance before 2010, and which will be brought into compliance before January 1, 2017.

## Where and when should I submit the Large Fleet Compliance Plan?

Plans must be submitted by the required deadline(s) either electronically via our website at [www.arb.ca.gov/cc/hdghg/hdghg.htm](http://www.arb.ca.gov/cc/hdghg/hdghg.htm), or by mail to:

Air Resources Board  
Attn: ORHDD Section  
9480 Telstar Avenue, Suite 4  
El Monte, California 91731

Large fleets must submit the Plan by July 1, 2010. They may also submit one revised plan, by July 1, 2013.

## Will incentive funding be available to help large fleets?

Fleets may be eligible for financing through the following programs:

ARB Heavy-Duty Vehicle Air Quality Loan Program at: [www.arb.ca.gov/ba/loan/on-road/on-road.htm](http://www.arb.ca.gov/ba/loan/on-road/on-road.htm)

SmartWay Finance Center at: [www.smartwayfinancecenter.com](http://www.smartwayfinancecenter.com)

SmartWay Clean Diesel Finance Center at:  
[www.epa.gov/smartway/transport/what-smartway/financing-clean-diesel-info.htm](http://www.epa.gov/smartway/transport/what-smartway/financing-clean-diesel-info.htm)

## For More Information

Please contact ARB's diesel hotline at (866) 6DIESEL (634-3735) or visit our website at [www.arb.ca.gov/cc/hdghg/hdghg.htm](http://www.arb.ca.gov/cc/hdghg/hdghg.htm).

To obtain this document in an alternative format or language please contact the ARB's Helpline at (800) 242-4450 or at [helpline@arb.ca.gov](mailto:helpline@arb.ca.gov). TTY/TDD/ Speech to Speech users may dial 711 for the California Relay Service.